

**United States Environmental Protection Agency
Region IV
POLLUTION REPORT**

Date: Thursday, January 13, 2011

From: David Andrews, OSC

Subject: Grade Adjustment & Drainage Control Over Waste Pile
Smokey Mountain Smelters
1508 Maryville Pike, Knoxville, TN
Latitude: 35.9191830
Longitude: -83.9264810

POLREP No.:	9	Site #:	A4MD
Reporting Period:		D.O. #:	00088
Start Date:	6/8/2010	Response Authority:	CERCLA
Mob Date:	6/8/2010	Response Type:	Time-Critical
Demob Date:		NPL Status:	NPL
Completion Date:		Incident Category:	Removal Action
CERCLIS ID #:	TND098071061	Contract #	EPS40704
RCRIS ID #:			

Site Description

See POLREP #1 for site description and background information.

Current Activities

Grade reduction of the leading edge and western toe of the waste field continues during this reporting period. Additional funding through a Ceiling Increase and Change of Scope Action Memorandum was approved on December 16th. The approved funding will support the costs necessary to complete construction of diversion drainage channels through and around the site and install a clay and vegetative cap. These measures were designed to ultimately control leachate run-off from the waste field and stabilize the conditions at the site. After transfer of the site to the Remedial Branch the site controls will allow time to design and implement a long-term remedy for the site.

Jan 3: ERRS and EPA remobed to Site after year-end holiday demobe. Work continues with focus on grade and drainage adjustment.

Jan 5: ERRS ships off-site the tire stockpile. During excavation and grading tires were recovered that were part of the site associated with a C&D landfill.

Jan 6: ERRS conducts a dye test with TDEC to determine subsurface water flow.

Jan 10 thru 12: Site shut-down due to snow & ice.

START will remobilize to Site on Jan 18, 2010.

Planned Removal Actions

Continue grading and construction of diversion drainage on the south and north boundaries of the waste pile infill.

Alternate work and tasks are planned if weather postpones heavy equipment work on Site.

Next Steps

N/A

Key Issues

None at this time

Estimated Costs *

	Budgeted	Total To Date	Remaining	% Remaining
Extramural Costs				
ERRS - Cleanup Contractor	\$1,450,000.00	\$1,127,197.87	\$322,802.13	22.26%
START	\$181,524.00	\$119,971.92	\$61,552.08	33.91%
Intramural Costs				
Total Site Costs	\$1,631,524.00	\$1,247,170.00	\$384,354.00	23.56%

* The above accounting of expenditures is an estimate based on figures known to the OSC at the time this report was written. The OSC does not necessarily receive specific figures on final payments made to any contractor(s). Other financial data which the OSC must rely upon may not be entirely up-to-date. The cost accounting provided in this report does not necessarily represent an exact monetary figure which the government may include in any claim for cost recovery.

Disposition of Wastes

Disposal consisted of several phases which included:

- 1-) Segregation of scrap iron and sheet metal from the demolition of the main building and off-site shipment for metal recycling.
- 2-) Disposal of the non-recoverable rubble/demolition debris.
- 3-) Scrap tire disposal.
- 4-) Fuel oil recovered from a 27,000 gallon UST unearthed during site grading.
- 5-) Off-site shipment of aluminum smelter waste to evaluate for possible aluminum recovery.

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